



December 8, 2011

# California Regional Water Quality Control Board Los Angeles Region Samuel Unger, Executive Officer

## Executive Officer's Report

*The Executive Officer's Report is not intended to be an exhaustive list, but rather highlights of Regional Board staff activities from the previous month.*

### *Executive Office*

#### **Southern California Stormwater Seminar—New Regulation, legal issues, and business development**

Deb Smith

On November 3rd, Law Seminars International held one of their legal seminars on stormwater regulations in Los Angeles. The State Regulatory Policy and Permit Development panel was comprised of Frances Spivy-Weber, Vice Chair of the State Board, Deb Smith, Chief Deputy Executive Officer, and David Gibson and Kurt Berchtold, Executive Officers of the two other Southern California coastal Regional Boards. Vice Chair Spivy-Weber provided an overview of stormwater regulations and permits in CA. David Gibson followed with a summary of their efforts to develop a regional MS4 permit in the San Diego Region. Deb Smith spoke about stormwater being a water quantity issue as well as a water quality issue and highlighted the importance of integrating these two efforts to maximize stormwater management and recycled water that can augment local water supplies and offset imported water use. Deb also provided a preview of the next weeks Regional Board workshop on the status of, and key issues with, the Los Angeles MS4 permit renewal. Kurt Berchtold discussed his sector specific industrial stormwater permit for scrap metal recyclers in Region 8. Other speakers at this event included Michael Lauffer, Gregory Newmark, Howard Gest, Liz Crosson, and Michael Lozeau

### *Regional Programs*

#### **Watershed Management**

Staff attended a workshop held on November 8 by the Ventura County Watershed Protection District on the Upper Calleguas Creek Watershed Management Strategy Study. This was the second stakeholder outreach meeting for the study which is evaluating ways to mitigate flooding in the upper watershed through multi-objective solutions that help improve habitat and water quality, and enhance groundwater recharge and the area's water supply. The study will result in conceptual projects suitable for pre-design. A final report is due by the end of 2012.

More information about the Regional Board's watersheds can be found at [http://www.waterboards.ca.gov/losangeles/water\\_issues/programs/regional\\_program/index.shtml#Watershed](http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/index.shtml#Watershed).

*Our mission is to preserve*

*and enhance the quality of*

*California's water resources*

*for the benefit of present and*

*future generations.*

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**Section 401 Water Quality Certification Program**

Valerie Carrillo and Dana Cole

Since October, the Regional Board has received 11 new applications for Section 401 Water Quality Certification (WQC) actions. The following Certification actions have been issued since the preparation of the last Executive Officers Report:

<b>DATE OF ISSUANCE</b>	<b>STAFF</b>	<b>APPLICANT</b>	<b>PROJECT</b>	<b>ACTION</b>
Oct. 3, 2011	V.Carrillo	Los Angeles Department of Water and Power	Castaic Spillway Wall Repair Work and Castaic Creek Maintenance Project	Conditional Certification
Oct. 7, 2011	V.Carrillo	Caltrans, District 7	State Route 2 (Ladybug Canyon) Pipe Extension and Slope Stabilization	Conditional Certification
Oct. 10, 2011	V.Carrillo	Ventura Port District	Ventura Harbor Village Revetment Repair Project	Modification
Oct. 10, 2011	V.Carrillo	Dr. W. H. T. Loh	Plum Canyon	Approval of Mitigation
Oct. 14, 2011	Dana Cole	Caltrans	Ven 1 Seawall Replacement Project	Conditional Certification
Oct. 19, 2011	LB Nye	Resource Environmental, LLC	Tidal Study in the Dominguez Channel Project	Pre-Certification
Oct. 20, 2011	Dana Cole	Los Angeles County Sanitation Districts	Soledad Canyon Trunk Sewer Manhole Repair Project	Conditional Certification
Oct. 20, 2011	V.Carrillo	County of Los Angeles, Dept. of Beaches and Harbors	Bay Club Marina Reconstruction Project	Conditional Certification
Oct. 27, 2011	V.Carrillo	Newhall Land & Farming Company	Newhall Ranch Resource Management and Development Plan	Time Extension Request
Nov. 4, 2011	V.Carrillo	Los Angeles County Flood Control District	Systemwide Monitoring Pilot and Malibu Creek Tributary Projects	Pre-Certification
Nov. 8, 2011	V.Carrillo	Southern California Edison	Station Fire Rebuild- North Fork Saddle Ranger Station Underground Project	Conditional Certification

Certification actions recently issued and project descriptions for applications currently being reviewed can be viewed from our Web Site located at <http://www.swrcb.ca.gov/rwqcb4/html/meetings/401wqc.html>. For additional information regarding our Section 401 Program, please contact Valerie Carrillo at (213) 576-6759. Any petitions for the appeal of a Section 401 WQC action must be filed within 30 days of the date of its issuance. We encourage public input during the certification process.

## *Groundwater Permitting and Land Disposal Program*

### **International Outreach - Water Quality Section of Taiwan Environmental Protection Administration**

Eric Wu

On November 8 through 14, 2011, the Chief of Water Quality Section of Taiwan Environmental Protection Administration (TEPA), Ms. Wen-Ti Chu, visited the Los Angeles Regional Board. The primary interest of Ms. Chu was to understand the function of Regional Board programs, particularly on the surface water quality management which includes the process of TMDL development, application of new effluent limits in WDR, NPDES and MS4 permits, and its implementation. In addition to presentation and discussion with Regional Board staff, staff also coordinated with the City of Los Angeles for a field inspection on BMPs treating surface runoff in response to the requirements of TMDLs, and the green technology for water conservation. On November 10, 2011, Ms. Chu attended the 551th Board Meeting held at the Regional Board office, which illustrated the public process, and contemplated multiple permitting issues, basin plan amendment, and a workshop for MS4 permit.

### **California Onsite Wastewater Association Regulators Forum**

Eric Wu

On November 15, 2011, staff attended the Regulators Forum hosted by the City of Malibu and the California Onsite Wastewater Association at Malibu City Hall. Approximately 30 attendees including representatives of cities, counties, and dischargers actively participated in the discussion of subjects of the Assembly Bill 885 and the draft Statewide Policy for Onsite Wastewater Treatment Systems (OWTS), preparation of plan for permitting agency's review, current OWTS technology, potential pollution to soil and groundwater, maintenance of OWTS, and available funding sources to assist small communities for infrastructure improvement. The Forum also provided a standard protocol for OWTS inspection.

### **Summary of Notice of Violations**

Rosie Villar and Rebecca Cho

From October 13, 2011 to November 10, 2011, staff issued five Notices of Violation for WDRs violations.

	<b>Date Issued</b>	<b>Permittee</b>	<b>Project Manager</b>
1.	10/20/11	Lovato Commercial Rental, CI 9536	David Koo
2.	10/28/11	New Piru Wastewater Treatment Facility, CI 5714	Elizabeth Erickson
3.	10/27/11	On-Bandini LLC, CI 9436	Ann Chang
4.	11/03/11	Santa Paula Wastewater Recycling Facility, CI 9259	Elizabeth Erickson
5.	11/04/11	OTY Incorporated, CI 9049	Ann Chang

**Summary of General Waste Discharge Requirements Enrolled and Terminated**

Rosie Villar and Rebecca Chou

From October 13, 2011 to November 10, 2011 - seven dischargers enrolled under the general Waste Discharger Requirements (WDR), and three WDR were terminated. The Table below contains a breakdown for each category of general WDR.

		Project Manager	Date of Coverage	Date of Revision	Termination
<b>A.</b>	<b>General WDR Discharge for Groundwater remediation at petroleum Hydrocarbon fuel and/or volatile organic compound impacted sites (Order No. R4-2007-0019)</b>				
1.	Long Beach Leads Extension Parcels, Wilmington CI 9756	Ann Chang	10/19/11		
2.	ARCO Station 1983, Ventura CI 9520	Ann Chang			10/27/11
3.	Lanzit Project (Former Caltrans Site), Los Angeles CI 9760	Chandra Tyler (UST Program)	10/27/11		
4.	LADWP Streetlight Maintenance Headquarters, Los Angeles CI 9764	Ann Chang	11/4/11		
5.	Amin's Oil (Former Shell Station), Los Angeles CI 9769	Dave Bjostad (UST Program)	11/7/11		
<b>B.</b>	<b>General WDR for Groundwater Remediation at Petroleum Hydrocarbon fuel and/or volatile organic compound impacted sites (Order R4-2005-0030)</b>				
1.	Former Burton Plating Co., Los Angeles CI 9131	Ann Chang			10/26/11
<b>C.</b>	<b>General WDR For Groundwater Remediation at Petroleum Hydrocarbon Fuel and/or Volatile Organic Compound Impacted Sites (Order R4-2002-0030)</b>				
1.	ExxonMobil #18-H7A, Newbury Park CI 8470	Ann Chang			10/31/11
<b>D.</b>	<b>General WDR for small commercial multi-family residential subsurface sewage disposal systems (Order No. 01-031)</b>				
1.	National Disaster Search Dog Foundation, Santa Paula CI 9665	Elizabeth Erickson	10/21/11		
2.	PanAmerican Seed Co., Santa Paula CI 4246	Mercedes Merino	10/26/11		
3.	Dullam Westside Properties LLC, Oxnard CI 9749	Mercedes Merino	11/10/11		

### Summary of Inspection Reports

Rosie Villar and Rebecca Chou

From October 13, 2011 to November 10, 2011, staff conducted seven pre-permitting and annual inspections.

	<b>Date Issued</b>	<b>Permittee</b>	<b>Project Manager</b>
1.	09/07/11	John & Kimberly Adair Single-Fam, CI 9755	Mercedes Merino
2.	10/07/11	Toland Road Landfill, CI 5644	Enrique Casas
3.	10/12/11	Calabasas Landfill No. 5, CI 4992	Enrique Casas
4.	10/13/11	Puente Hills Landfill No. 6, CI 2294	Enrique Casas
5.	10/14/11	Simi Valley Landfill, CI 5643	Enrique Casas
6.	10/27/11	Savage Canyon Landfill, CI 4469	Enrique Casas
7.	10/28/11	Toland Road Landfill, CI 5644	Enrique Casas

### Summary of California Water Code (CWC) Section 13260 Orders

Rosie Villar and Rebecca Chou

From October 13, 2011 to November 10, 2011, Executive Officer issued one CWC Section 13260 Orders requiring dischargers for submittal of WDR application.

	<b>Date Issued</b>	<b>Permittee</b>	<b>Project Manager</b>
1.	11/03/11	Office/Maintenance Yard, File 11-173	Eric Wu

### *Compliance and Enforcement Program Enforcement Unit*

#### NPDES Facility Inspections

The Enforcement Unit NPDES inspector conducted inspections at 5 Minor facilities with NPDES Permits from November 10, 2011. Inspection of these facilities is a required part of the NPDES program.

#### *Expedited Payment Program*

- **Settlement Offer No. R4-2011-0163-M** was issued to the City of Malibu on October 13, 2011 in the amount of \$21,000 for alleged effluent violations of Regional Board Order Nos. R4-2003-0111 and R4-2008-0032, NPDES Permit No. CAG994004 for the Big Rock Mesa Drainage Facility. The Permittee has until December 14, 2011 to respond.
- **Settlement Offer No. R4-2011-0161-M** was issued to Jean Martinez on October 19, 2011 in the amount of \$3,000 for an alleged late reporting violation of Regional Board Order No. R4-2003-0108, NPDES Permit No. CAG994005 for Martinez Well. The Permittee submitted a signed waiver on November 2, 2011.
- **Settlement Offer No. R4-2011-0137-M** was issued to Magic Mountain, LLC on October 19, 2011 in the amount of \$24,000 for alleged effluent violations of Regional Board Order Nos. R4-2008-0209 and R4-2011-0029, NPDES Permit No. CA0003352 for Six Flags Magic Mountain. On November 2, 2011,

the Regional Board received payment in full.

- **Stipulated Order On Settlement Offer No. R4-2011-0131-M** was issued to Calleguas Municipal Water District (Permittee) on October 24, 2011, in the amount of \$18,000 for alleged effluent violations of Regional Board Order No. R4-2008-0032, NPDES No. CAG994004 for Phase 1E Brine Line Project. On November 2, 2011, the Regional Board received payment in full.
- **Stipulated Order On Settlement Offer No. R4-2011-0129-M** was issued to the City of Santa Monica (Permittee) on October 24, 2011, in the amount of \$3,000 for an alleged effluent violation of Regional Board Order No. R4-2008-0032, NPDES No. CAG994004 for Santa Monica Water Treatment Plant. On September 21, 2011, the Regional Board received payment in full.
- **Settlement Offer No. R4-2011-0170-M** was issued to Ventura County Waterworks District No. 1 on October 25, 2011 in the amount of \$24,000 for alleged effluent violations of Regional Board Order No. R4-2009-0047, NPDES Permit No. CAG994003 for Well No. 20 and Treatment Plant. The Permittee has until November 28, 2011 to respond.
- **Stipulated Order On Settlement Offer No. R4-2011-0136-M** was issued to Montrose Chemical Corporation of California (Permittee) on August 17, 2011, in the amount of \$6,000 for alleged effluent violations of Regional Board Order No. R4-2008-0032, NPDES No. CAG994004 for the Former Montrose Facility and Montrose - Del Amo Superfund Sites. On November 8, 2011, the Regional Board received payment in full.
- **Stipulated Order On Settlement Offer No. R4-2011-0135-M** was issued to The Metropolitan Water District of Southern California on October 28, 2011, in the amount of \$9,000 for alleged effluent violations of Regional Board Order No. R4-2009-0047, NPDES No. CAG994003 for the Greg Avenue Hydroelectric Power Plant. The Permittee has until November 18, 2011 to submit the payment.
- **Stipulated Order On Settlement Offer No. R4-2011-0110-M** was issued to Olegario & Maria Estela Sanchez (Permittee) on October 10, 2011, in the amount of \$18,000 alleged effluent violations of Regional Board Order No. R4-2008-0032, NPDES No. CAG994004 for the Groundwater Remediation Project at 3152 East Century Boulevard. On October 19, 2011, the Regional Board received payment in full.

### *Stormwater Compliance & Enforcement*

#### **Stormwater Compliance and Enforcement - October 13, 2011 to November 11, 2011**

Ejigu Solomon and Harumi Goya

#### **2 Notices of Non-Compliance were issued:**

WDID#	Issuance Date	Facility Name	Type
Non Filer	11/10/2011	TM Scrap Metals Inc.	Industrial
Non Filer	11/10/2011	JPG Metals Recycling	Industrial

#### **8 Notices of Violation were issued:**

WDID#	Issuance Date	Facility Name	Type
4 19I020838	10/14/2011	Contico Container	Industrial
4 19I021785	10/14/2011	Sun Lite Metals	Industrial
Non Filer	10/14/2011	Lakeside Boats Inc.	Industrial
4 19I002467	10/17/2011	Falcon Refuse Ctr Inc.	Industrial
4 19C353856	11/4/2011	Koll Center Calabasas	Construction
Non Filer	11/4/2011	One Way Auto	Industrial
4 19I004291	11/8/2011	Bestway Recycling	Industrial
4 19I022550	11/10/2011	Golden Gate Steel Inc.	Industrial

**1 Notice to Comply was issued::**

WDID#	Issuance Date	Facility Name	Type
4 19I022161	10/14/2011	Progressive Fram & Fabrication	Industrial

**2 Verbal Warnings were given:**

WDID#	Issuance Date	Facility Name	Type
4 19I020924	10/18/2011	Southland Polymers Inc.	Industrial
4 19I021726	10/28/2011	International Paper	Industrial

**5 Second Notices of Non-Compliance were issued**

WDID#	Issuance Date	Facility Name	Type
4 19I001621	10/26/2011	Timely Industries	Industrial
4 19I001401	10/27/2011	Beneto Truck Terminal	Industrial
4 19I005905	10/28/2011	Weber Dist Warehouse LA Mirada	Industrial
4 19I001026	11/1/2011	Ohline Corp.	Industrial
4 19I003497	11/1/2011	Allied Waste Services of North America LLC Sun Valley Truck Yard	Industrial

**Summary of Database Management**

Harumi Goya

- ◆ Violation records for overdue construction Annual Reports and risk analysis

Violation records for the construction permittees, who have not submitted 2010-2011 Annual Reports (approximately 420) and for the sites, which did not complete their risk evaluation (500 sites), were started logging in SMARTS.

Creating violation records for those, who missed the both (approximately 250), is prioritized.

- ◆ USEPA TMDL lists

Lists of active permittees, who are located within the Long Beach City Beaches and the Los Angeles River Estuary, were requested by the Standard & TMDL Office of the USEPA. The information of 41 sites was provided to the USEPA.

*Remediation Program  
Site Clean Up I*

**Boeing Real Property Management (Boeing) Former C-1 Facility, Long Beach, CA**

Ana Townsend

Boeing Real Property Management (Boeing) is proceeding to redevelop and sell the majority of the 343-acre Former C-1 Facility (Site) in Long Beach, California. The Site is a former aircraft manufacturing and assembly plant that is located adjacent to the Long Beach Airport near the Interstate 405 and Lakewood Boulevard. Boeing is working with the cities of Long Beach and Lakewood, and the communities to redevelop and sell this property in a manner that will promote economic growth and employment in the Long Beach area. To facilitate redevelopment and sales, Boeing has performed a comprehensive, multi-phase environ-

mental remediation program under the oversight of the Los Angeles Regional Water Quality Control Board (Regional Board). Based on the results of the multi-phase environmental remediation program, the Regional Board has required no further action for soils for approximately 260-acres of the Douglas Park project, the 4-acre Former Alteon Facility, and the 78-acre Former 717 Facility and associated parking lot to the south. Regional Board staff continues to work with Boeing to complete groundwater remediation and long-term monitoring to further this redevelopment.

In August 2010, a fact sheet and a community survey were mailed to businesses and residents around the Site. The fact sheet provided information on the Site conditions and remediation activities conducted over the past 10 years. A response to the most common questions from the community was prepared and mailed in January 2011. These communication efforts were focused on notifying those directly affected by the environmental sampling or cleanup activities including the cities of Long Beach and Lakewood, Long Beach Airport, the Lakewood Country Club and other surrounding businesses. These and future public participation programs focus on keeping the public informed about what was and is being done to protect human health and the environment and encouraging public input on Site activities.

### **Former Preco Facility, City of Commerce, CA**

Luis Changkuon

The site was occupied by Former Preco Facility from the 1940s to 1989 for the manufacturing of metal parts for railroad cars, agricultural equipment, and truck bodies. From 1989 to 1992, three underground storage tanks (gasoline and diesel) and four clarifiers were removed, and petroleum hydrocarbon and polynuclear aromatic hydrocarbon (PAH)-impacted soil was excavated and disposed of off-site for treatment. From 1998 to 2000, a soil vapor extraction (SVE) system was operated at the site removed an estimated 5,400 pounds of volatile organic compounds (VOCs). Based on the results of these remediation efforts, the Regional Board issued a no further action letter for soil in April 2001, to promote the site redevelopment for generating jobs and tax revenue. Since 2003, the site has been redeveloped with a new warehouse building utilized by a food distribution company.

To date, nineteen (19) groundwater monitoring wells have been installed at the site and vicinity. In December 2010, the Regional Board approved a workplan to install several multi-depth wells at on-site and off-site locations to further delineate the extent of VOCs in groundwater. A report summarizing the installation of these new wells, including a pump test, a fate and transport modeling, and a feasibility study for groundwater remediation is due to the Regional Board by January 15, 2012.

### *Site Clean Up II*

### **Dominguez Channel Release, Carson**

Greg Bishop

LNAPL has been daylighting within the Dominguez Channel south of Carson Street in Carson, California, since January 2011. The LNAPL was initially discharging through the bottom of the channel above a Plains All American Pipeline, L.P. pipeline and two former Shell Oil Company pipelines. LNAPL has also been observed discharging from a subdrain system consisting of perforated horizontal pipes within each levee. Los Angeles County Department of Public Works (LADPW) owns the channel and is responsible for operating containment to control surface sheen migration within the channel.

During October and November 2011, the Regional Board staff took the following actions:

Reviewed a report from BP Pipelines on the installation of four groundwater monitoring wells in the vicinity of the Dominguez Channel.

- ◇ Reviewed a report from Tesoro Refining and Marketing Corporation on the installation of two ground-water monitoring wells within the western levee of the Dominguez Channel.
- ◇ Reviewed a report from Resource Environmental, LLC (RELLC) on the installation of dozens of wells and other data collection points within both channel levees, within the floor of the Dominguez Channel itself, at the former Carson Air Harbor, at the active Unocal 76 property, and at the former Texaco service station near the Dominguez Channel. RELLC is performing work on behalf of Shell Oil Products US and Chevron Environmental Management Corporation.
- ◇ Approved a work plan resulting in RELLC evaluating, monitoring, and installing measures to contain the LNAPL within both levee subdrain systems.
- ◇ Worked with RELLC to achieve recommendations for an interim remedial action implementation at the vicinity of the surface release within the Dominguez Channel.
- ◇ Approved an air sampling plan from RELLC to evaluate air vapor impacts.
- ◇ Investigated complaints of odors made to other agencies and instructed LADPW to reconfigure containment booms within the Dominguez Channel to better capture LNAPL on the channel surface with one goal being to reduce volatilization resulting in odors.
- ◇ Approved a work plan for additional assessment along the eastern levee to further evaluate the former Active RV property and the potential that impacts north of Active RV have reached the Dominguez Channel.
- ◇ Approved a work plan for additional assessment along both channel levees and west of the Dominguez Channel in Recreation Road.
- ◇ Approved a work plan for a study to evaluate tidal impacts upon groundwater flow direction in the vicinity of the Dominguez Channel.
- ◇ Updated the Community Awareness & Emergency Response (CAER) group hosted by the City of Carson on the status of the Dominguez Channel release and investigation.

Field work to implement the approved work plans is underway with an anticipated completion date in early December. Regional Board staff frequently communicate with RELLC staff and consultants to evaluate results as they are produced and are currently formulating plans for the next phase of assessment with an anticipated start date in January 2012.

### *Site Clean Up III*

#### **Former Pacific Title and Art Studios, Hollywood**

Angelica Castaneda

The site is located at 6350 Santa Monica Boulevard in Hollywood. The site has completed site assessment of soil and groundwater. Soil excavation of contaminated areas was selected as an interim remedial technology for four contaminated areas including a former clarifier, a former chemical storage area (chemical dike), and two former indoor operation areas where chlorinated solvents were used. Regional Board staff inspected the site during the excavation activities. Confirmation soil and soil gas sampling will be conducted to evaluate residual contaminants and potential soil vapor intrusion into indoor air.

The site is currently vacant and undergoing extensive remodeling. Regional Board staff is working closely with responsible party to coordinate remodeling activities and remediation requirements in a timely manner.

#### **Former Kast Tank Farm Property, Carousel Residential Neighborhood Tract, Carson**

*Dr. Teklewold Ayalew, (213) 576-6739*

*Site Cleanup III Unit*

The Regional Board completed the review of the document titled *Supplemental Site Delineation Report* (Report). The Report details the assessment of the offsite extent of soil and soil vapor impacts at Island Avenue and the Metropolitan Transportation Authority Railroad Right-of-Way property (MTA R/W property) and further evaluation of volatile organic compounds (VOCs) detected in the Monterey Pines Community. The scope of this investigation consisted of: 1) soil and soil vapor sampling along MTA R/W property at twelve locations; 2) step-out soil and soil vapor sampling adjacent to location OS-SV-21 located in Island Avenue; and 3) soil vapor sampling at previously installed three probe locations in Island Avenue and sampling of probe located in Carmel Drive.

The results of the current sampling from Island Avenue and the MTA R/W property are summarized as follows: 1) Island Avenue: Benzene was detected in 20 of the 21 soil vapor samples at a maximum concentration of 130 microgram per cubic meter ( $\mu\text{g}/\text{m}^3$ ) at 5 feet bgs, and methane was detected in 2 of the 21 soil vapor samples at a maximum concentration of 84 parts per million by volume (ppmv) at 5 feet bgs. TPH as diesel and TPH as motor oil were detected in the 5feet bgs samples at a maximum concentration of 15,000 milligrams per kilogram (mg/kg) and 28,000 mg/kg, respectively; and 2) MTA R/W Property: The only chemical detected above California Human Health Screening Levels (CHHSL) for soil vapor in residential land-use scenario was naphthalene, at a concentration of 600  $\mu\text{g}/\text{m}^3$  at 4.5 feet bgs.

Based on the findings of the off-site investigation and documents in our file, the Regional Board issued a response letter that requires additional step out sampling, resampling, implementation of a methane and volatile organic compounds monitoring program.

The 30-day public review and comment period on the draft California Environmental Quality Act (CEQA) documents expired on October 12, 2011. The Regional Board has completed the review of the comments received from the Native American Heritage Commission and the Department of Toxic Substances Control and issued a response to comments. The Regional Board management determined that the draft Negative Declaration is still appropriate.

The Regional Board submitted the CEQA document to the Department of Fish and Games and obtained a ***NO Effects Determination***. The Pilot Test Work Plan approval letter is currently pending the approval of the Regional Board management. Within 5 days of the date of the issuance of the work plan approval letter, Regional Board will file a *Notice of Decision* with the State Clearinghouse saying that the document is final.

The completed residential sampling activity as of November 8, 2011 is as follows:

- 262 homes have been screened for methane (92%);
- 262 homes have had soils sampled and vapor probes installed (92%);
- 252 homes have had sub-slab soil vapor probes sampled (88%); and 42 homes have had indoor air sampled (15%).

**Former Athens Tank Farm / Ujima and Earvin Magic Earvin Johnson Regional Park, Los Angeles**  
Dr. Teklevold Ayalew, (213) 576-6739  
Site Cleanup III Unit

In response to the Regional Board Order, Exxon Mobil Oil Corporation submitted documents titled *Monthly Methane and Volatile Organic Compounds Monitoring Report* dated October 17, 2011 and *Off-Site Assessment Report* dated October 28, 2011. The latter details work performed to assess potential off-site concentrations of petroleum hydrocarbons in soil, soil vapor, and groundwater and to assess the need for further investigation. Work was performed at locations on the perimeter of the Site and off-site in streets east of the Site. Volatile organic compounds (VOCs) including hexane, semi-volatile organic compounds (SVOCs), total petroleum

hydrocarbons, metals, organic lead and methane were variously detected in soil, soil vapor, and groundwater.

Based on the interpretations of the analytical results from the twenty seven soil vapor samples from nine off-site locations:

Seven out of nine off-site soil vapor points had one or more VOC concentrations exceed California Human Health Screening Level (CHHSL) for residential use;

None of the soil vapor samples collected from 5 feet below ground surface (bgs) during the current investigation had hexane concentrations exceeding the calculated screening level based on OEHHA methodology.

Methane concentrations in the 5-foot soil vapor samples collected at three off-site soil vapor points exceeded the screening level of 5,000 ppmv (10% of the Lower Explosive Limit).

Based on the findings to date, the following Regional Board directed activities are currently underway:

An expanded off-site investigation that includes soil vapor sampling from 21 offsite locations and Cone Penetration Testing/Ultraviolet Optical Screening Tool (CPT/UVOST®) at 18 boring locations;

Soil Vapor Extraction (SVE) pilot testing in eight locations of the site that have known significant impact from VOCs;

Monthly Methane and VOCs Monitoring Program; and

Site specific pathway assessment and vapor intrusion evaluation.

### **Edgington Refinery, Long Beach**

Paul Cho

This 20-acre site has been in operation as a refinery since its construction in the 1930's. In 1942, Edgington Oil Co., Inc. began operating the facility as an asphalt refinery. Refining operations were later expanded to include the production of naphthas, commercial jet fuel, diesel fuel, and fuel oils. Paramount Petroleum Corporation (PPC) has operated the refinery from 2007 to date.

On November 8, 2011, staff held a technical meeting with PPC to discuss overall environmental response programs including potential source areas of separate phase hydrocarbons, location and nature of soil impacts, dissolved phase hydrocarbons and well network, 2010 pilot test results, and soil gas survey in adjacent residential area.

Based on staff recommendation during the meeting, PPC agreed to provide the following reports:

- Workplan for offsite soil vapor monitoring by February 15, 2012
- Remedial action plan for light non-aqueous phase liquids (LNAPL) by March 1, 2012

A pilot test of soil vapor extraction and Biosparge was completed and the results were presented during the technical meeting. A site-wide soil vapor extraction and Biosparge as a remedial measure for reducing LNAPL mass and its environmental impacts were proposed during the meeting. In order to enhance the

site's groundwater monitoring network, a plan to install additional monitoring wells was submitted in October 2011. Per staff recommendation, PPC evaluated the adequacy of the current groundwater monitoring network. Based on the evaluation, an installation of three additional groundwater monitoring wells as proposed to evaluate nature and concentration of groundwater impacts that appear to be moving onto the upgradient portion of the site.

### **Honeywell Early Avenue**

Steve Rowe

The Honeywell Early Avenue (Site) is a 5-acre commercial property located in Torrance. The Site was used for manufacturing aerospace parts from 1976 through the early 1990s. As a result, soil and groundwater have been impacted with chlorinated volatile organic compounds (VOCs), primarily tetrachloroethylene (PCE) and trichloroethylene (TCE). The Site is currently owned by Pelican Products, Inc., which manufactures polyethylene carrying cases and diving flashlights.

Prior sampling indicates PCE and TCE soil vapor concentrations beneath the Site and portions of the adjacent Torrance Business Center (TBC) exceed their respective California Human Health Screening Levels (CHHSLs) for commercial/industrial use. Honeywell conducted an onsite human health risk assessment (HHRA) during a 2007 remedial investigation. Results were within the Environmental Protection Agency (EPA) risk management range of  $10^{-4}$  to  $10^{-6}$ , but there were uncertainties in the modeling assumptions. Honeywell proposed follow-up sub-slab and indoor air sampling, but potential vapor emissions from the heating of raw materials used in Pelican's manufacturing process might interfere with indoor air sampling.

Honeywell proposed additional onsite sub-slab sampling, an onsite heating ventilation and air conditioning (HVAC) system evaluation and offsite sub-slab and indoor air sampling at the TBC. This work was approved and implemented in January 2011. Results showed relatively high PCE levels beneath two buildings at the TBC. Representatives of TBC requested that Honeywell conduct follow-up sampling at the TBC to further investigate vapor intrusion. Results of sub-slab sampling in April 2011 showed up to 73,000 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) PCE and 4,700  $\mu\text{g}/\text{m}^3$  TCE in a sub-slab sample (TBC-SV-16) beneath the Hope Chapel (Suite K) at the TBC, whereas indoor air sampling (TBC-IA-4) showed maximum concentrations of 12  $\mu\text{g}/\text{m}^3$  PCE and 0.47  $\mu\text{g}/\text{m}^3$  TCE. Based on the maximum indoor air PCE level, Honeywell estimated a lifetime cancer risk of  $3 \times 10^{-5}$ . The results confirmed the presence of Site-related VOCs beneath the slab and within indoor air, and that vapor intrusion cannot be ruled out.

On September 26, 2011, Regional Board staff met with Honeywell and TBC representatives at the TBC property to discuss proposed follow-up vapor intrusion evaluation sampling. Subsequent to the meeting, Honeywell submitted an October 7, 2011 *Addendum to the Supplemental Vapor Intrusion Evaluation Workplan* (workplan). The workplan proposed additional sub-slab and indoor air sampling to further investigate the vapor intrusion risk. Multi-depth soil vapor probes are planned to further delineate the extent of the offsite soil vapor plume at the TBC and complement the additional sub-slab sampling. In addition, Honeywell proposed contingency sub-slab and indoor air sampling locations to address potential vapor intrusion concerns of TBC representatives in an expedited manner.

Honeywell is currently conducting an approved soil vapor extraction (SVE) pilot study at the Site to evaluate and refine parameters needed to implement full-scale SVE remediation. The purpose of the supplemental vapor intrusion evaluation is to further investigate potential vapor intrusion at the TBC property and propose vapor mitigation measures, if necessary, until full-scale SVE remediation can be implemented. Regional Board staff approved the workplan in a October 20, 2011 letter. Honeywell is planning to initiate the field-work in November 2011.

**New Site Cleanup Case – Tidelands Facility, Long Beach**

Ann Lin

The Tidelands facility is located to the south of Toyota Yard in Long Beach, and north of Tesoro Refining and Marketing Company (Tesoro) Long Beach Marine Terminal (LBMT). Oxy Long Beach, Inc (Oxy) is currently operating water injection at the facility as a contractor for the City of Long Beach.

Since Tesoro Refining and Marketing Company (Tesoro) discovered small amounts of oil in the ocean at LBMT on September 14, 2011, Tesoro has investigated the impact of the spill of crude oil caused by a leak from a 24-inch pipeline at Berth 84A. During the investigation, Tesoro reported that hydrocarbon contamination could potentially be present in the groundwater beneath the Tidelands facility that is owned and operated by the city of Long Beach. Also, Tesoro reported that Tesoro observed an oil sheen on the top of groundwater at the boundary of the Tidelands facility and adjacent to LBMT.

Subsequently Regional Board staff is working with officials from the US Coast Guard, Department of Fish and Game, the Port of Long Beach Engineering and Environmental Department to identify any potential sources.

**Carson Estate Property, Rancho Dominguez**

Cris Morris

The Carson Estate Property Site was agricultural until the late 1950s when the current building was constructed. The use of the Site has been industrial since that time. Subsurface environmental activities conducted at the Site include the removal of four underground storage tanks (UST) and a three-stage clarifier located outside the western side of the building and the investigation of soil in the vicinity of an air compressor located outside the northwestern corner of the building. These investigations were conducted under the direction and oversight of the Los Angeles County Department of Public Works (DPW). Soil was removed at the time and a closure/No Further Action letter was issued by the DPW.

However, to address real estate transaction concerns regarding the potential vapor residuals, an investigation was conducted and a soil vapor extraction (SVE) system was installed and operated under Regional Board oversight. The SVE was operated until the influent concentrations had reached asymptotic conditions. Rebound testing confirmed that the concentrations within the recovered vapor stream did not increase to greater than the concentrations prior to shut-down. Currently, a report summarizing the results of the confirmation sampling is being submitted to Office of Environmental Health Hazard Assessment (OEHHA) for review. If OEHHA approves the vapor intrusion risk assessment in the confirmation report, the Regional Board will grant a No Further Requirement with a deed restriction.

**Los Angeles Air Force Base, Former Air Force Exchange Service Gas Station, El Segundo**

Henry Jones

The former Los Angeles Air Force Base, Army Air Force Exchange Service gas station was a vehicle fueling facility located on approximately 0.33 acres of land in the City of El Segundo. The constituents of primary concern include petroleum hydrocarbons from gasoline fuel storage. Benzene, MTBE, and 1,2-Dichloroethane have been detected in groundwater at concentrations above the MCLs since October 2010. The Air Force and the Regional Board determined to implement a full scale soil vapor extraction system to treat the contaminated soil and groundwater, and continue the groundwater monitoring program.

### Former Mission Linen Supply Facility, Santa Fe Springs

Mohammad Zaidi

Soil and groundwater at this 4.5 acre Former Mission Linen Facility in Santa Fe Springs are contaminated with chlorinated hydrocarbons. The responsible party (RP) has adequately characterized the extent of contamination and has performed soil vapor extraction in the vadose zone. Following approval of the Smear Zone and Bioremediation Work Plan, the RP is currently injecting vegetable oil emulsion into the smear zone and the saturated zone under Regional Board's General WDR permit to cleanup the volatile organic compound contamination, as required by the Regional Board. The 4.5 acre site will be redeveloped after completion of the cleanup.

### Paramount Refinery, Paramount

Robert Ehe

Paramount Petroleum Corporation (Paramount) is subject to Cleanup and Abatement Order (CAO) No. 97-130 issued on October 15, 1997. Paramount is further subject to a Notice of Violation (NOV) issued on September 15, 2011. Paramount is required to investigation to define the edges of any plume(s) that extend beyond the borders of the refinery. Paramount is also required to contain the migration of contaminants in soil vapor and groundwater from the refinery and to complete assessment and monitoring in off-site areas surrounding the refinery. In response to the NOV, Paramount submitted a workplan to investigate further impacts to groundwater migrating of the refinery. However, staff has determined that further investigation is required beyond what is being proposed to define the extent of migration of contaminants in groundwater. Staff is anticipating a revised workplan by November 14, 2011.

Also, on September 27, 2011, Regional Board staff inspected the refinery following the report of a spill which occurred on September 24, 2011, at a 25,000-barrel capacity above-ground tank. As a result of the tank gage malfunctioning, a maximum of 50 barrels of naphtha overflowed from the top of the tank into a soil secondary containment area which is within an asphalt-lined berm. Staff required a technical report be submitted to the Regional Board documenting the results of cleanup activities being conducted for soil at the reported spill by November 14, 2011.

### *Underground Storage Tank Program*

Regional Board staff have reviewed corrective actions taken for soil and/or groundwater contamination problems from leaking underground storage tanks for the time of **October 5, 2011** through **November 8, 2011**, and determined that no further corrective actions are required for the following sites:

1. Former Thrifty Station #249, Culver City (R-25093)
2. Former Mobil Service Station, Redondo Beach (R-38560)
3. 76 Service Station #6734, Pomona (I-11106)
4. Former ARCO Service Station #6034, Canoga Park (913060361)
5. Unocal Site 4359/76 Station No. 254359, Downey (R-11008)
6. Former Shell Service Station, Claremont (R-26373)
7. ARCO Service Station #5204, City of Industry (I-10178A)
8. Former Tire Chemicals, Inc., Long Beach (908130343 )
9. West Hollywood Mobil Service, West Hollywood (I-21031)
10. Unocal Site #5261/76 Station #255261, Los Angeles (916070334A)
11. Atlantic Aviation (Former Mercury Services), Los Angeles (900450152)
12. Former Rockview Dairy Site, Paramount (I-16254)
13. Greystone Estate, Beverly Hills (R-26077)

14. Chevron Station No. 9-0477, Los Angeles (900650289A)
15. TOSCO – 76 Station #4962, Los Angeles (900120325)
16. Chevron Station #9-0278, Cerritos (R-06573A)
17. Southern California Edison Dominguez Hills Service Center, Carson (R-08046)
18. Eduardo Schneider Property, City of Industry (R-49079)
19. Metropolitan Water District of Southern California, Los Angeles (900320125)
20. Los Angeles City Fire Station Number 61, Los Angeles (900360252)
21. Former Texaco Service Station, Santa Clarita (R-21013)

For the case closure sites above, a total of **4,333** tons of impacted soils were excavated and **33,494** pounds of hydrocarbons were removed by soil vapor extraction system. In addition, **164** gallons of LNAPL were moved and **1,304,045** gallons of groundwater were treated.

### **Executive Officer issued General Waste Discharge Requirements (WDRs)**

Yue Rong

The Executive Officer, on behalf of the board, issued 2 general Waste Discharge Requirements (WDRs) to Lanzil Site, located in Los Angeles (10/27/2011), and Former Shell Station, located in Los Angeles (11/7/2011). The WDRs issued for injection of oxidation compounds to the impacted aquifer for in-situ groundwater cleanup, which is designed to save water resources by avoiding discharging the treated water to the ocean.

### *Administrative Services*

#### *Personnel Report*

As of December 8, 2011 our staff total is 129: 115 technical staff, 8 permanent analytical staff and 6 permanent clerical staff.

The following appointment was made:

**Danielle Siebal**, Water Resource Control Engineer, Watershed Regulatory Section, effective November 1, 2011.

The following promotion was made:

**Lawrence Moore**, Environmental Scientist to Staff Environmental Scientist, effective October 7, 2011.

The following separated from Region 4:

**Juanita Gallegos**, Office Technician (Typing), retired from State service effective November 30, 2011.